

CENTRAL CONNECTICUT STATE UNIVERSITY
DEPARTMENT OF MATHEMATICAL SCIENCES
FALL 2010

COURSE: MATH 221 (01)
TITLE: CALCULUS II
PREREQUISITES: MATH 152 (C- or higher).
COURSE DESCRIPTION: This course continues the discussion of derivatives and integrals, including the area between curves, volume, and arc length. It also covers techniques of integration, indeterminate forms, improper integrals, sequences, and infinite series.

INSTRUCTOR: Dr. Ivan Gotchev
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WEB PAGE: <http://www.math.ccsu.edu/gotchev/>
OFFICE HOURS: TR 11:20 AM – 12:20 PM, TR 4:00 – 4:50 PM and F 1:20 – 1:50 PM, or by appointment.
TEXTBOOK: University Calculus, by Hass, Weir, Thomas, © 2007 by Pearson.
COVEREGE: Chapters 5, 6, 7, 8, and 9 will be covered.
SCHEDULE OF CLASSES: TR 5:00 – 6:40 PM in FD 301.
ATTENDANCE: The material covered by this course will be discussed and explained clearly in class and proper examples will be solved. Therefore regular class attendance is very important.
EXAMINATIONS: There will be three tests during the semester and a cumulative final exam on Tuesday, December 14, 5:00 – 7:00 PM. The examination problems will be similar to those solved in class, included in take-home exams, or given as suggested homework assignments.
HOMEWORK: The best way to learn mathematics is to solve as many problems as possible. In the list below are given suggested homework assignments that you have to solve before solving your take-home exam problems.
GRADING:

FOUR TESTS	40%
ONLINE HOMEWORK	10%
FOUR TAKE-HOME EXAMS	30%
FINAL EXAM	20%

If you score 93% or more your final grade will be an A, 90% or more but less than 93% - A-, 87% or more but less than 90% - B+, 83% or more but less than 87% - B, and so on. Less than 60% is F.

NOTE: CELL PHONES AND OTHER COMMUNICATION DEVICES MUST BE TURNED OFF AT ALL TIMES DURING CLASS.

Suggested Homework Assignments and Tentative Time Table

Date	Section	Suggested Homework Assignments
8/31	5.1	1, 3, 5, 7, 9
	5.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27
	5.3	1, 3, 5, 7, 9, 11, 13, 15, 19, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 59
9/2	5.4	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 39, 41, 43, 45, 51, 53, 55
	5.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 51
9/7	5.6	All odd from 1 to 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77
	5.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45
9/9	6.1	1, 3, 5, 7, 9, 11, 12, 13, 14, 15, 16, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43
	6.2	1, 2, 3, 4, 5, 6, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31
9/14	6.3	1, 3, 5, 7, 9, 11, 13, 15, 17
	6.4	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23
9/16	Review	
9/21	Test 1, Tuesday, September 21. THE 1 Due Date.	
9/23	Review	
	7.1	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 28, 29, 31, 33, 35, 39, 41
9/28	7.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43
9/30	7.3	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33
	7.4	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39
10/5	7.4	
	7.7	All odd from 1 to 69, 70, 71
10/7	Review	
10/12	Test 2, Tuesday, October 12. THE 2 Due Date.	
10/14	Review	
	8.1	All odd from 1 to 85
10/19	8.2	All odd from 1 to 59
10/21	8.3	All odd from 1 to 31
	8.4	All odd from 1 to 35
10/26	8.5	All odd from 1 to 45
	8.6	All odd from 1 to 47
10/28	8.7	All odd from 1 to 39, 41, 42, 43, 44
11/2	8.8	All odd from 1 to 29, 30
	8.9	1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 13, 15, 16, 17
11/4	8.10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
	Review	
11/9	Test 3, Tuesday, November 9. THE 3 Due Date.	
11/11	Review	
	9.1	All odd from 1 to 61
11/16	9.2	All odd from 1 to 25
11/18	9.3	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23
11/23	9.4	All odd from 1 to 67
11/30	9.5	All odd from 1 to 63
12/2	9.6	1, 3, 5, 7, 9, 11, 13, 14, 16, 17
	Review	
12/7	Test 4, Tuesday, December 7. THE 4 Due Date.	
12/9	Review	
12/14	Final Exam, Tuesday, December 14, 5:00 – 7:00 PM, FD 301	

UNIVERSITY POLICIES

1. You must take the final examination at the time specified in the course selection book which is Tuesday, December 14, 5:00 – 7:00 PM in FD 301.
2. Please, contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.
3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message.”
4. The last day to withdraw from a course is Monday, October 25. Approvals for withdrawal are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student’s intention to drop the course.

After October 25 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences. Poor academic performance is not considered an extenuating circumstance.

5. All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion.

For further information on academic misconduct and its consequences, please consult the Student Code of Conduct (<http://www.ccsu.edu/StudentConduct>) and the Academic Misconduct Policy (<http://www.ccsu.edu/AcademicIntegrity>).

RESOURCES AVAILABLE

1. If you need help, take advantage of your instructor's office hours. Do not wait until just before the first test to do so.
2. The Learning Center is located in Rooms 241 and 242, Copernicus. Free tutoring is available. A schedule for hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. List of private tutors for hire is available in the math department office, Room 107 Marcus White, 832-2835.